DIAGRAM 1-1 SITE LOCATION MAP (SP-1)



4 ELMCREST TERRACE, NORWALK, CONNECTICUT

SITE LOCATION PLAN



NOT TO SCALE

PROJECT NO.: 11-154.10A

DRAWN BY: MR

REVIEWED BY: JT



531 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 860-589-8257

SHEET NO.

SP-1

CLEANUP AND DISPOSAL PLAN FOR PCB-CONTAINING CAULK AND SOIL 4 ELMCREST TERRACE, NORWALK, CONNECTICUT SITE LOCATION PLAN

DIAGRAM 2-1 PCB REMEDIATION PLAN (HM-1.1 through HM-1.5)

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SIDE-B

RESIDUAL WINDOW CAULK CONTAINS > 50 PPM PCB. INCLUDING BUT NOT LIMITED TO FRAMES, FASTENERS, EXTERIOR STONE SILLS, AND

B. REMOVE AND DISPOSE OF ALL METAL A/C SLEEVES, INCLUDING BUT NOT LIMITED TO, SLEEVES, FASTENERS, AND ASSOCIATED CAULK. A/C CAULK CONTAINS > 50 PPM PCB.

MIXED REGULATED ASBESTOS (INTERIOR ONLY)/PCB REMEDIATION WASTE LESS THAN 50 PPM IN A STATE FRAMES, FASTENERS, AND ASSOCIATED CAULK AS

D. ALL VISIBLE RESIDUAL CAULK SHALL BE REMOVED FROM BRICK, CMU, AND MORTAR PRIOR TO DEMOLITION OR DECONTAMINATION.

E. ALL PCB-CONTAMINATED SOIL (> 50 PPM PCB) SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AS PCB REMEDITAION (> 50 PPM) WASTE.

F. REMOVE AND DISPOSE OF EXTERIOR SOIL ON SIDES A, B, AND C TO A MINIMUM DEPTH OF 12 INCHES BELOW GRADE AND A MINIMUM DISTANCE OF 60 INCHES FROM FOUNDATION OR UNTIL VERIFICATION TESTING PROVES PCB CONCENTRATION

2PE-D

6. ALL SOILS CONTAINING GREATER THAN 1 PPM PCB BUT LESS THAN 50 PPM PCB SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AS PCB REMEDIATION WASTE IN A STATE APPROVED SOLID WASTE

CONTRACTOR SHALL BE RESPONSIBLE FOR THE

I. FOR PCB BULK PRODUCT WASTE, ASSUME TCLP OF WASTE STREAM IS < 10 PPB AND DISPOSAL OF WASTE STREAM WILL BE AT A STATE APPROVED SOLID WASTE

PAYMENT OF ALL LABOR AND ANALYTICAL FEES ASSOCIATED WITH RE-TESTING OF FAILED AREAS.

J. ALTERNATE NO 1: FOR PCB BULK PRODUCT WASTE, ASSUME TCP OF WASTE STREAM IS > 10 PPB AND ISPOASL OF WASTE STREAM WILL BE AT AN RCRA HAZRDOUS WASTE LANDFILL OR A TSCA-APPROVED DISPOSAL FACILITY.

REMOVE AND DISPOSE OF DOOR FRAME. CLEAN RESIDUAL CAULK. REMOVE AND DISPOSE OF FIRST COURSE OF EXTERIOR BRICK/MORTAR (WITHIN 4 INCHES OF DOOR OPENING). CLEAN CONCRETE HEADER AND DECONTAMINATE STEEL LINTEL

REMOVE AND DISPOSE OF DOOR FRAME. CLEAN RESIDUAL CAULK. REMOVE AND DISPOSE OF FIRST COURSE OF INTERIOR CMU/MORTAR (WITHIN 8 INCHES OF DOOR OPENING). CLEAN RESIDUAL CAULK FROM CONCRETE HEADER AND DECONTAMINATE STEEL LINTEL.

REMOVE AND DISPOSE OF EXTERIOR VENT LOUVER. CLEAN RESIDUAL CAULK FROM VENTILATION OPENING. REMOVE AND DISPOSE OF FIRST AND SECOND COURSE OF BRICK AND MORTAR FROM VENTILATION OPENINGS (MINIMUM 8 INCHES FROM CAULK LINE).

REMOVE AND DISPOSE OF METAL A/C SLEEVE. CLEAN CAULK FROM A/C OPENING. REMOVE AND DISPOSE OF FIRST COURSE OF BRICK AND MORTAR FROM BELOW A/C OPENINGS (MINIMUM 4 INCHES FROM SILL).

REMOVE AND DISPOSE OF VINYL WINDOW SYSTEM. REMOVE AND DISF WINDOW OPENINGS (MINIMUM 8 INCHES FROM CAULK LINE). REMOVE

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PCB REMEDIATION KEY PCB-POLY-CHLORINATED BIPHENYLS

OOSE OF EXTERIOR STONE WINDOW SILL, CLEAN CAULK FROM WINDOW OPENING. REMOVE AND DISPOSE OF FIRST AND SECOND COURSE OF BRICK AND MORTAR FROM : AND DECONTAMINATE OR DISPOSE OF EXTERIOR STEEL LINTELS.

REMOVE AND DISPOSE OF DOOR FRAME. CLEAN RESIDUAL CAULK. CLEAN FIRST COURSE OF INTERIOR CMU/MORTAR (MINIMUM 8 INCHES OF PRE-EXISTING CAULK LINE. REMOVE AND DISPOSE OF FIRST COURSE OF EXTERIOR BRICK/MORTAR (MINIMUM 4 INCHES OF PRE-EXISTING CAULK LINE). CLEAN CONCRETE HEADER AND DECONTAMINATE STEEL LINTEL.

ALTERNATE BID

DATE: 7/30/12 POLY-CHLORINATED BIPHENYL (PCB) REMEDIATION PLAN **LIBERATION PROGRAMS 4 ELMCREST TERRACE**

PROJECT NO.: 11-154.10A DRAWN BY: BLS, MR

SHEET NO. HM-1.1

SHEET 1 OF 5

REVIEWED BY: CL, JT

FILE NAME: P:\2011 Files\2011 AutoCad\Liberation Programs\4 Elmcrest Terrace.Norwalk\PCB Remediation\CAD\4 Elmcrest.PCB Remediation.dwg

EAGLE Environmental, Inc.

531 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 860-589-8257

BASEMENT FLOOR PLAN

NORWALK, CONNECTICUT

SIDES A, B, AND C TO A MINIMUM DEPTH OF 12 INCHES BELOW GRADE AND A MINIMUM DISTANCE OF 60 INCHES FROM FOUNDATION OR UNTIL VERIFICATION TESTING PROVES PCB CONCENTRATION

REMOVE AND DISPOSE OF EXTERIOR SOIL ON

ALL SOILS CONTAINING GREATER THAN 1 PPM PCB

LESS THAN 1 PPM.

BUT LESS THAN 50 PPM PCB SHALL BE REMOVED FRO THE SITE AND DISPOSED OF AS PCB REMEDIATION WASTE IN A STATE APPROVED SOLID WASTE LANDFILL.

ALL PCB-CONTAMINATED SOIL (> 50 PPM PCB) SHALL

BE REMOVED FROM THE SITE AND DIS PCB REMEDITAION (> 50 PPM) WASTE.

DISPOSED OF AS

D. ALL VISIBLE RESIDUAL CAULK SHALL BE REMOVED FROM BRICK, CMU, AND MORTAR PRIOR TO DEMOLITION OR DECONTAMINATION.

CAULK ALSO CONTAINS ASBESTOS. DISPOSE OF DOOR FRAMES, FASTENERS, AND ASSOCIATED CAULK AS MIXED REGULATED ASBESTOS (INTERIOR ONLY)/PCB REMEDIATION WASTE LESS THAN 50 PPM IN A STATE APPROVED SOLID WASTE LANDFILL.

B. REMOVE AND DISPOSE OF ALL METAL A/C SLEEVES, INCLUDING BUT NOT LIMITED TO, SLEEVES, FASTENERS, AND ASSOCIATED CAULK. A/C CAULK CONTAINS > 50 PPM PCB.

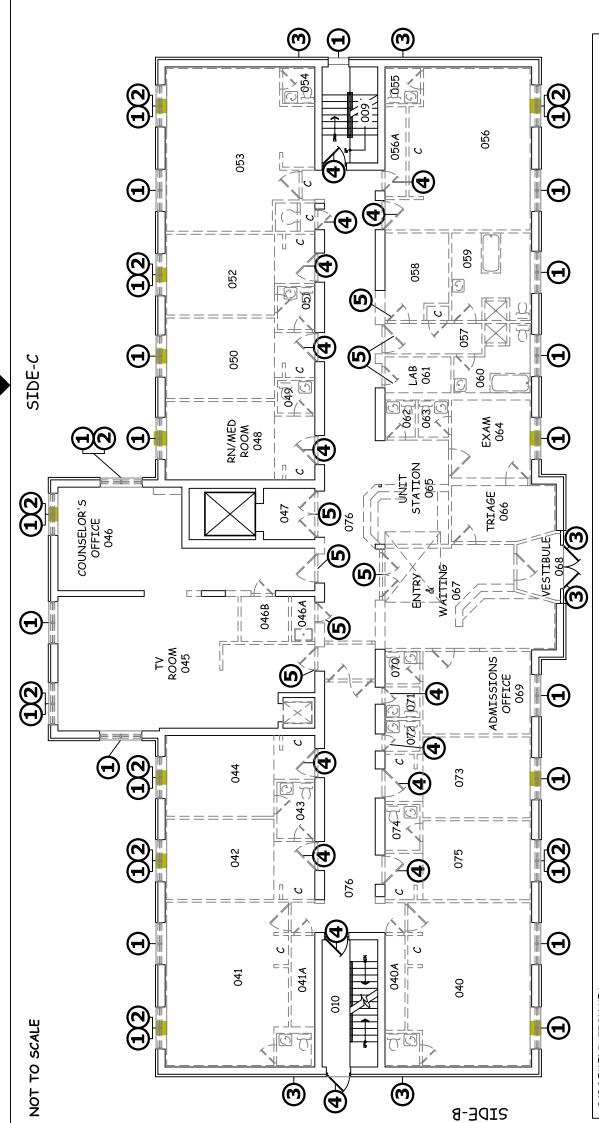
REMOVE AND DISPOSE OF ALL SCHEDULED METAL

FASTENERS, AND ASSOCIATED CAULK. DOOR CAULK CONTAINS > 1 BUT < 50 PPM PCB AND INTERIOR DOOF

FASTENERS, EXTERIOR STONE SILLS, AND ASSOCIATED ORIGINAL RESIDUAL CAULK. EXTERIOR RESIDUAL WINDOW CAULK CONTAINS > 50 PPM PCB.

GENERAL NOTES:

BASE BID



PCB REMEDIATION KEY: PCB-POLY-CHLORINATED BIPHENYLS

4C=ASBESTOS CONTAININ

®

- REMOVE AND DISPOSE OF VINYL WINDOW SYSTEM, REMOVE AND DISPOSE OF EXTERIOR STONE WINDOW SILL. CLEAN CAULK FROM WINDOW OPENING, REMOVE AND DISPOSE OF FIRST AND SECOND COURSE OF BRICK AND MORTAR FROM WINDOW OPENINGS (MINIMUM 8 INCHES FROM CAULK LINE). REMOVE AND DECONTAMINATE OR DISPOSE OF EXTERIOR STEEL LINTELS. Θ
- REMOVE AND DISPOSE OF METAL A/C SLEEVE. CLEAN CALLK FROM A/C OPENING. REMOVE AND DISPOSE OF FIRST COURSE OF BRICK AND MORTAR FROM BELOW A/C OPENINGS (MINIMUM 4 INCHES FROM SILL) 0
- REMOVE AND DISPOSE OF EXTERIOR VENT LOUVER, CLEAN RESIDUAL CAULK FROM VENTILATION OPENING, REMOVE AND DISPOSE OF FIRST AND SECOND COURSE OF BRICK AND MORTAR FROM VENTILATION OPENINGS (MINIMUM 8 INCHES FROM CAULK LINE).

I. FOR PCB BULK PRODUCT WASTE, ASSUME TCLP OF WASTE STREAM IS · 10 PPB AND DISPOSAL OF WASTE STREAM WILL BE AT A STATE APPROVED SOLID WASTE

ALTERNATE BID

PAYMENT OF ALL LABOR AND ANALYTICAL FEES ASSOCIATED WITH RE-TESTING OF FAILED AREAS.

RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF

CRITERIA IS ACHIEVED. THE BUILDING OWNER IS CLEARANCE SAMPLING ONLY. THE REMEDIATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE J. ALTERNATE NO 1: FOR PCB BULK PRODUCT WASTE, ASSUME TCLP OF WASTE STREAM IS > 10 PPB AND DISPOASL OF WASTE STREAM WILL BE AT AN RCRA HAZRDOUS WASTE LANDFILL OR A TSCA-APPROVED DISPOSAL FACILITY.

- REMOVE AND DISPOSE OF DOOR FRAME, CLEAN RESIDUAL CAULK, CLEAN FIRST COURSE OF INTERIOR CMU/MORTAR (MINIMUM 8 INCHES OF PRE-EXISTING CAULK LINE, REMOVE AND DISPOSE OF FIRST COURSE OF EXTERIOR BRICK/MORTAR (MINIMUM 4 INCHES OF PRE-EXISTING CAULK LINE), CLEAN CONCRETE HEADER AND DECONTAMINATE STEEL LINTEL. 4
- REMOVE AND DISPOSE OF DOOR FRAME. CLEAN RESIDUAL CAULK. REMOVE AND DISPOSE OF FIRST COURSE OF INTERIOR CMU/MORTAR (WITHIN 8 INCHES OF DOOR OPENING), CLEAN RESIDUAL CAULK FROM CONCRETE HEADER AND DECONTAMINATE STEEL LINTEL. (0)
 - 0
- REMOVE AND DISPOSE OF DOOR FRAME. CLEAN RESIDUAL CAULK. REMOVE AND DISPOSE OF FIRST COURSE OF EXTERIOR BRICK/MORTAR (WITHIN 4 INCHES OF DOOR OPENING). CLEAN CONCRETE HEADER AND DECONTAMINATE STEEL LINTEL

SHEET NO.

HM-1.2

SHEET 2 OF 5

PROJECT NO.: 11-154.10A REVIEWED BY: CL, JT DRAWN BY: BLS, MR DATE: 7/30/12

POLY-CHLORINATED BIPHENYL (PCB) REMEDIATION PLAN

NORWALK, CONNECTICUT

FIRST FLOOR PLAN

4 ELMCREST TERRACE

LIBERATION PROGRAMS

Environmental

531 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 860-589-8257

FILE NAME: P:\2011 Files\2011 AutoCad\Liberation Programs\4 Elmcrest Terrace.Norwalk\PCB Remediation\CAD\4 Elmcrest.PCB Remediation.dwg

SIDES A, B, AND C TO A MINIMUM DEPTH OF 12 INCHES BELOW GRADE AND A MINIMUM DISTANCE OF 60 INCHES FROM FOUNDATION OR UNTIL

REMOVE AND DISPOSE OF EXTERIOR SOIL ON

E. ALL PCB-CONTAMINATED SOIL (> 50 PPM PCB) SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AS PCB REMEDITAION (> 50 PPM) WASTE.

D. ALL VISIBLE RESIDUAL CAULK SHALL BE REMOVED FROM BRICK, CMU, AND MORTAR PRIOR TO DEMOLITION OR DECONTAMINATION.

TESTING PROVES PCB CONCENTRATION

LESS THAN 1 PPM.

ALL SOILS CONTAINING GREATER THAN 1 PPM PCB T LESS THAN 50 PPM PCB SHALL BE REMOVED FROM

BUT LESS THAN 50 PPM PCB SHALL BE REMOVED FRO THE SITE AND DISPOSED OF AS PCB REMEDIATION WASTE IN A STATE APPROVED SOLID WASTE

LANDFILL

THE REMEDIATION CONTRACTOR SHALL BE SPONSIBLE FOR MAINTAINING THE INTEGRITY OF

EACH ABATEMENT AREA UNTIL CLEARANCE SAMPLI CRITERIA IS ACHIEVED. THE BUILDING OWNER IS

(m) (m) Θ 960 094 097 960 092 093 4 Θ 101 091 060 153 100 SIDE-C 089 Θ 102 088 153A 087 104 980 **(D)** 106 S Θ 107 085 084 Θ 109 **(2) (7)** $\left(\mathbf{H}\right)$ Θ (E) 08111082 152 (<u>1</u>) 080 110 4 Θ - 010 - -079 112 Θ NOT TO SCALE 070 (m) Θ <u>(m</u>

B. REMOVE AND DISPOSE OF ALL METAL A/C SLEEVES, INCLUDING BUT NOT LIMITED TO, SLEEVES, FASTENERS, AND ASSOCIATED CAULK. A/C CAULK CONTAINS > 50 PPM PCB.

ASSOCIATED ORIGINAL RESIDUAL CAULK. EXTERIOR

INCLUDING BUT NOT LIMITED TO FRAMES, FASTENERS, EXTERIOR STONE SILLS, AND

RESIDUAL WINDOW CAULK CONTAINS > 50 PPM PCB

REMOVE AND DISPOSE OF ALL EXTERIOR VINYL

GENERAL NOTES:

BASE BID

MIXED REGULATED ASBESTOS (INTERIOR ONLY)/PCB REMEDIATION WASTE LESS THAN 50 PPM IN A STATE

APPROVED SOLID WASTE LANDFIL

FRAMES, FASTENERS, AND ASSOCIATED CAULK AS

CONTAINS > 1 BUT < 50 PPM PCB AND INTERIOR DOOR CAULK ALSO CONTAINS ASBESTOS. DISPOSE OF DOC

REMOVE AND DISPOSE OF ALL SCHEDULED METAL

PCB REMEDIATION KEY PCB-POLY-CHLORINATED BIPHENYLS AC-ASBESTOS CONTAINING

SIDE-B

- REMOVE AND DISPOSE OF VINYL WINDOW SYSTEM. REMOVE AND DISPOSE OF EXTERIOR STONE WINDOW SILL. CLEAN CAULK FROM WINDOW OPENING. REMOVE AND DISPOSE OF FIRST AND SECOND COURSE OF BRICK AND MORTAR FROM WINDOW OPENINGS (MINIMUM 8 INCHES FROM CAULK LINE). REMOVE AND DECONTAMINATE OR DISPOSE OF EXTERIOR STEEL LINTELS. Θ
 - OPENING. REMOVE AND DISPOSE OF FIRST COURSE OF BRICK AND MORTAR FROM BELOW A/C OPENINGS (MINIMUM 4 INCHES FROM SILL) REMOVE AND DISPOSE OF METAL A/C SLEEVE. CLEAN CAULK FROM A/C 0
- REMOVE AND DISPOSE OF EXTERIOR VENT LOUVER. CLEAN RESIDUAL CAULK FROM VENTILATION OPENING. REMOVE AND DISPOSE OF FIRST AND SECOND COURSE OF BRICK AND MORTAR FROM VENTILATION OPENINGS (MINIMUM 8 INCHES FROM CAULK LINE). **@**

I. FOR PCB BULK PRODUCT WASTE, ASSUME TCLP OF WASTE STREAM IS < 10 PPB AND DISPOSAL OF WASTE STREAM WILL BE AT A STATE APPROVED SOLID WASTE LANDFILL.

ALTERNATE BID

CONTRACTOR SHALL BE RESPONSIBLE FOR THE PAYMENT OF ALL LABOR AND ANALYTICAL FEES ASSOCIATED WITH RE-TESTING OF FAILED AREAS.

SAMPLING ONLY. THE REMEDIATION

CLEARANCE

J. ALTERNATE NO 1: FOR PCB BULK PRODUCT WASTE, ASSUME TCLP OF WASTE STREAM IS > 10 PPB AND DISPOASL OF WASTE STREAM WILL BE AT AN RCRA HAZRDOUS WASTE LANDFILL OR A TSCA-APPROVED DISPOSAL FACILITY.

- REMOVE AND DISPOSE OF DOOR FRAME. CLEAN RESIDUAL CAULK. CLEAN FIRST COURSE OF INTERIOR CMU/MORTAR (MINIMUM 8 INCHES OF PRE-EXISTING CAULK LINE. REMOVE AND DISPOSE OF FIRST COURSE OF EXTERIOR BRICK/MORTAR (MINIMUM 4 INCHES OF PRE-EXISTING CAULK LINE). CLEAN CONCRETE HEADER AND DECONTAMINATE STEEL LINTEL. 4
 - REMOVE AND DISPOSE OF DOOR FRAME. CLEAN RESIDUAL CAULK. REMOVE AND DISPOSE OF FIRST COURSE OF INTERIOR CMU/MORTAR (WITHIN 8 INCHES OF DOOR OPENING). CLEAN RESIDUAL CAULK FROM CONCRETE HEADER AND DECONTAMINATE STEEL LINTEL. **(**
- REMOVE AND DISPOSE OF DOOR FRAME. CLEAN RESIDUAL CAULK, REMOVE AND DISPOSE OF FIRST COURSE OF EXTERIOR BRICK/MORTAR (WITHIN 4 INCHES OF DOOR OPENING). CLEAN CONCRETE HEADER AND DECONTAMINATE STEEL LINTEL 0

EAGLE Environmental,

PROJECT NO.: 11-154.10A DATE: 7/30/12

HM-1.3 SHEET NO.

SHEET 3 OF 5

REVIEWED BY: CL, JT DRAWN BY: BLS, MR

POLY-CHLORINATED BIPHENYL (PCB) REMEDIATION PLAN NORWALK, CONNECTICUT **LIBERATION PROGRAMS 4 ELMCREST TERRACE SECOND FLOOR PLAN**

GENERAL NOTES:

BASE BID

- ASSOCIATED ORIGINAL RESIDUAL CAULK. EXTERIOR RESIDUAL WINDOW CAULK CONTAINS > 50 PPM PCB. REMOVE AND DISPOSE OF ALL EXTERIOR VINYL INCLUDING BUT NOT LIMITED TO FRAMES, FASTENERS, EXTERIOR STONE SILLS, AND
- B. REMOVE AND DISPOSE OF ALL METAL A/C SLEEVES, INCLUDING BUT NOT LIMITED TO, SLEEVES, FASTENERS, AND ASSOCIATED CAULK. A/C CAULK CONTAINS > 50 PPM PCB.
- CONTAINS > 1 BUT < 50 PPM PCB AND INTERIOR DOOR CAULK ALSO CONTAINS ASBESTOS, DISPOSE OF DOOR FRAMES, FASTENERS, AND ASSOCIATED CAULK AS MIXED REGULATED ASBESTOS (INTERIOR ONLY)/PCB REMEDIATION WASTE LESS THAN 50 PPM IN A STATE APROVED SOLID WASTE LANDFILL. REMOVE AND DISPOSE OF ALL SCHEDULED METAL DOR SYSTEMS INCLUDING DOOR FRAMES, FASTENERS, AND ASSOCIATED CAULK. DOOR CAULK
- D. ALL VISIBLE RESIDUAL CAULK SHALL BE REMOVED FROM BRICK, CMU, AND MORTAR PRIOR TO DEMOLITION OR DECONTAMINATION.
- E. ALL PCB-CONTAMINATED SOIL (> 50 PPM PCB) SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AS PCB REMEDITAION (> 50 PPM) WASTE.
- SIDES A, B, AND C TO A MINIMUM DEPTH OF 12 INCHES BELOW GRADE AND A MINIMUM DISTANCE OF 60 INCHES FROM FOUNDATION OR UNTIL TESTING PROVES PCB CONCENTRATION REMOVE AND DISPOSE OF EXTERIOR SOIL ON DES A, B, AND C TO A MINIMUM DEPTH OF 12 LESS THAN 1 PPM.

2PE-D

- 6. ALL SOILS CONTAINING GREATER THAN I PPM PCB BUT LESS THAN 50 PPM PCB SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AS PCB REMEDIATION WASTE IN A STATE APPROVED SOLID WASTE
- H. THE REMEDIATION CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF EACH ABATEMENT AREA UNTIL CLEARANCE SAMPLING CONTRACTOR SHALL BE RESPONSIBLE FOR THE PAYMENT OF ALL LABOR AND ANALYTICAL FEES ASSOCIATED WITH RE-TESTING OF FAILED AREAS. CRITERIA IS ACHIEVED. THE BUILDING OWNER IS CLEARANCE SAMPLING ONLY. THE REMEDIATION LANDFILL
- I. FOR PCB BULK PRODUCT WASTE, ASSUME TCLP OF WASTE STREAM IS < 10 PPB AND DISPOSAL OF WASTE STREAM WILL BE AT A STATE APPROVED SOLID WASTE LANDFILL

REMOVE AND DISPOSE OF EXTERIOR VENT LOUVER. CLEAN RESIDUAL CAULK FROM VENTILATION OPENING. REMOVE AND DISPOSE OF FIRST AND SECOND COURSE OF BRICK AND MORTAR FROM VENTILATION OPENINGS (MINIMUM 8 INCHES FROM CAULK LINE).

REMOVE AND DISPOSE OF METAL A/C SLEEVE. CLEAN CAULK FROM A/C OPENING. REMOVE AND DISPOSE OF FIRST COURSE OF BRICK AND MORTAR FROM BELOW A/C OPENINGS (MINIMUM 4 INCHES FROM SILL).

REMOVE AND DISPOSE OF VINYL WINDOW SYSTEM, REMOVE AND DISPOSE OF EXTERIOR STONE WINDOW SILL. CLEAN CAULK FROM WINDOW OPENING, REMOVE AND DISPOSE OF FIRST AND SECOND COURSE OF BRICK AND MORTAR FROM WINDOW OPENINGS (MINIMUM 8 INCHES FROM CAULK LINE). REMOVE AND DECONTAMINATE OR DISPOSE OF EXTERIOR STEEL LINTELS.

PCB REMEDIATION KEY.
PCB-POLY-CHLORINATED BIPHENYLS
AC-ASBESTOS CONTAINING

SIDE-B

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REMOVE AND DISPOSE OF DOOR FRAME. CLEAN RESIDUAL CAULK. CLEAN FIRST COURSE OF INTERIOR CMU/MORTAR (MINIMUM 8 INCHES OF PRE-EXISTING CAULK LINE. REMOVE AND DISPOSE OF FIRST COURSE OF EXTERIOR BRICK/MORTAR (MINIMUM 4 INCHES OF PRE-EXISTING CAULK LINE). CLEAN CONCRETE HEADER AND DECONTAMINATE STEEL LINTEL.

REMOVE AND DISPOSE OF DOOR FRAME. CLEAN RESIDUAL CAULK, REMOVE AND DISPOSE OF FIRST COURSE OF EXTERIOR BRICK/MORTAR (WITHIN 4 INCHES OF DOOR OPENING). CLEAN CONCRETE HEADER AND DECONTAMINATE STEEL LINTEL

REMOVE AND DISPOSE OF DOOR FRAME. CLEAN RESIDUAL CAULK. REMOVE AND DISPOSE OF FIRST COURSE OF INTERIOR CMU/MORTAR (WITHIN 8 INCHES OF DOOR OPENING). CLEAN RESIDUAL CAULK FROM CONCRETE HEADER AND DECONTAMINATE STEEL LINTEL.

ALTERNATE BID

J. **ALTERNATE NO 1:** FOR PCB BULK PRODUCT WASTE, ASSUME TCLP OF WASTE STREAM IS > 10 PPB AND DISPOASL OF WASTE STREAM WILL BE AT AN RCRA HAZRDOUS WASTE LANDFILL OR A TSCA-APPROVED DISPOSAL FACILITY.

DATE: 7/30/12

PROJECT NO.: 11-154.10A REVIEWED BY: CL, JT DRAWN BY: BLS, MR

SHEET NO.

HM-1.4

SHEET 4 OF 5

POLY-CHLORINATED BIPHENYL (PCB) REMEDIATION PLAN NORWALK, CONNECTICUT **LIBERATION PROGRAMS 4 ELMCREST TERRACE**

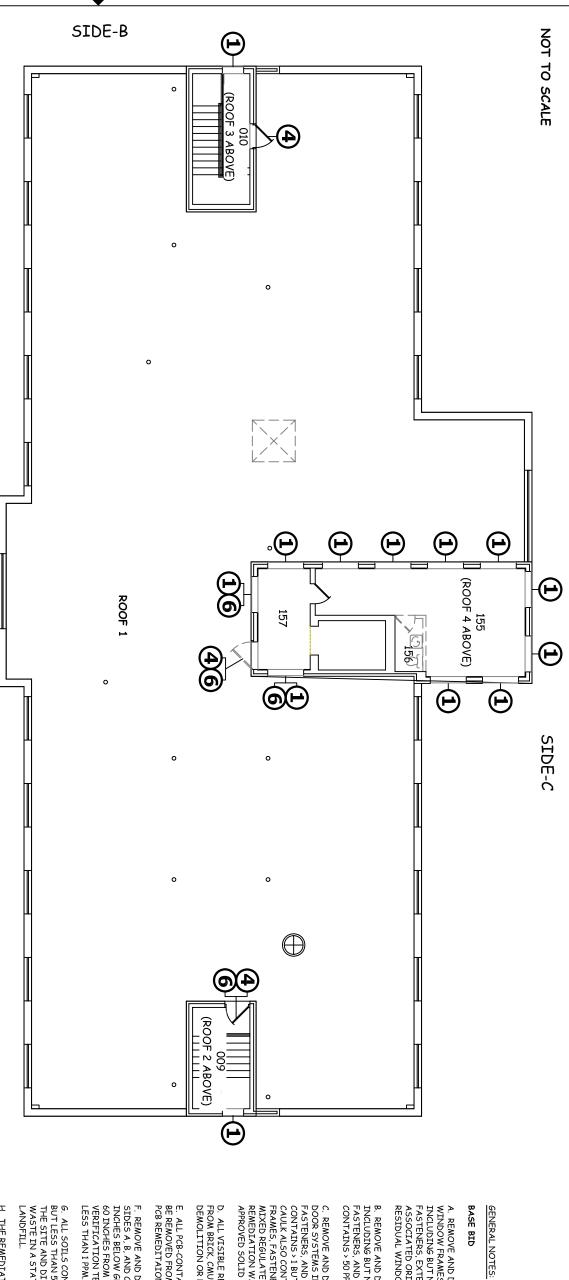
THIRD FLOOR PLAN

Terrace.Norwalk\PCB Remediation\CAD\4 Elmcrest.PCB Remediation.dwg

FILE NAME: P:\2011 Files\2011 AutoCad\Liberation Programs\4 Elmcrest

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EAGLE Environmental,



PCB REMEDIATION KEY: PCB-POLY-CHLORINATED BIPHENYLS

- REMOVE AND DISPOSE OF VINYL WINDOW SYSTEM. REMOVE AND DISPOSE OF EXTERIOR STONE WINDOW SILL. CLEAN CAULK FROM WINDOW OPENING. REMOVE AND DISPOSE OF FIRST AND SECOND COURSE OF BRICK AND MORTAR FROM WINDOW OPENINGS (MINIMUM 8 INCHES FROM CAULK LINE). REMOVE AND DECONTAMINATE OR DISPOSE OF EXTERIOR STEEL LINTELS.
- **©** REMOVE AND DISPOSE OF METAL A/C SLEEVE. CLEAN CAULK FROM A/C OPENING. REMOVE AND DISPOSE OF FIRST COURSE OF BRICK AND MORTAR FROM BELOW A/C OPENINGS (MINIMUM 4 INCHES FROM SILL)
- Θ REMOVE AND DISPOSE OF EXTERIOR VENT LOUVER. CLEAN RESIDUAL CAULK FROM VENTILATION OPENING. REMOVE AND DISPOSE OF FIRST AND SECOND COURSE OF BRICK AND MORTAR FROM VENTILATION OPENINGS (MINIMUM 8 INCHES FROM CAULK LINE).
- 4 REMOVE AND DISPOSE OF DOOR FRAME. CLEAN RESIDUAL CAULK. CLEAN FIRST COURSE OF INTERIOR CMU/MORTAR (MINIMUM 8 INCHES OF PRE-EXISTING CAULK LINE. REMOVE AND DISPOSE OF FIRST COURSE OF EXTERIOR BRICK/MORTAR (MINIMUM 4 INCHES OF PRE-EXISTING CAULK LINE). CLEAN CONCRETE HEADER AND DECONTAMINATE STEEL LINTEL.
- REMOVE AND DISPOSE OF DOOR FRAME. CLEAN RESIDUAL CAULK. REMOVE AND DISPOSE OF FIRST COURSE OF INTERIOR CMU/MORTAR (WITHIN 8 INCHES OF DOOR OPENING). CLEAN RESIDUAL CAULK FROM CONCRETE HEADER AND DECONTAMINATE STEEL LINTEL.

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REMOVE AND DISPOSE OF DOOR FRAME. CLEAN RESIDUAL CAULK, REMOVE AND DISPOSE OF FIRST COURSE OF EXTERIOR BRICK/MORTAR (WITHIN 4 INCHES OF DOOR OPENING). CLEAN CONCRETE HEADER AND DECONTAMINATE STEEL LINTEL

NORWALK, CONNECTICUT **LIBERATION PROGRAMS 4 ELMCREST TERRACE ROOF PLAN**

POLY-CHLORINATED BIPHENYL (PCB) REMEDIATION PLAN

GENERAL NOTES:

BASE BID

- A. REMOVE AND DISPOSE OF ALL EXTERIOR VINYL WINDOW FRAMES AND METAL VENT LOUVERS INCLUDING BUT NOT LIMITED TO FRAMES, FASTENERS, EXTERIOR STONE SILLS, AND ASSOCIATED ORIGINAL RESIDUAL CAULK, EXTERIOR RESIDUAL WINDOW CAULK CONTAINS > 50 PPM PCB.
- C. REMOVE AND DISPOSE OF ALL SCHEDULED METAL DOOR SYSTEMS INCLUDING DOOR FRAMES, FASTENERS, AND ASSOCIATED CAULK, DOOR CAULK CONTAINS > 1 BUT < 50 PPM PCB AND INTERIOR DOOR CAULK ALSO CONTAINS ASBESTOS. DISPOSE OF DOOR FRAMES, FASTENERS, AND ASSOCIATED CAULK AS MIXED REGULATED ASBESTOS (INTERIOR ONLY)/PCB REMEDIATION WASTE LESS THAN 50 PPM IN A STATE APPROVED SOLID WASTE LANDFILL. CONTAINS > 50 PPM PCB. B. REMOVE AND DISPOSE OF ALL METAL A/C SLEEVES, INCLUDING BUT NOT LIMITED TO, SLEEVES, FASTENERS, AND ASSOCIATED CAULK. A/C CAULK
- D. ALL VISIBLE RESIDUAL CAULK SHALL BE REMOVED FROM BRICK, CMU, AND MORTAR PRIOR TO DEMOLITION OR DECONTAMINATION.
- F. REMOVE AND DISPOSE OF EXTERIOR SOIL ON SIDES A, B, AND C TO A MINIMUM DEPTH OF 12 INCHES BELOW GRADE AND A MINIMUM DISTANCE OF 60 INCHES FROM FOUNDATION OR UNTIL VERIFICATION TESTING PROVES PCB CONCENTRATION E. ALL PCB-CONTAMINATED SOIL (> 50 PPM PCB) SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AS PCB REMEDITAION (> 50 PPM) WASTE.

SIDE-D

- G. ALL SOILS CONTAINING GREATER THAN 1 PPM PCB BUT LESS THAN 50 PPM PCB SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AS PCB REMEDIATION WASTE IN A STATE APPROVED SOLID WASTE
- H. THE REMEDIATION CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF EACH ABATEMENT AREA UNTIL CLEARANCE SAMPLING CRITERIA IS ACHIEVED. THE BUILDING OWNER IS RESPONSIBLE FOR THE PAYMENT OF INITIAL CLEARANCE SAMPLING ONLY. THE REMEDIATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE PAYMENT OF ALL LABOR AND ANALYTICAL FEES ASSOCIATED WITH RE-TESTING OF FAILED AREAS.
- I. FOR PCB BULK PRODUCT WASTE, ASSUME TCLP OF WASTE STREAM IS < 10 PPB AND DISPOSAL OF WASTE STREAM WILL BE AT A STATE APPROVED SOLID WASTE LANDFILL.

ALTERNATE BID

J. ALTERNATE NO 1: FOR PCB BULK PRODUCT WASTE, ASSUME TCLP OF WASTE STREAM IS > 10 PPB AND DISPOASL OF WASTE STREAM WILL BE AT AN RCRA HAZRDOUS WASTE LANDFILL OR A TSCA-APPROVED DISPOSAL FACILITY.

SHEET NO.

HM-1.5

SHEET 5 OF 5

REVIEWED BY: CL, JT DRAWN BY: BLS, MR PROJECT NO.: 11-154.10A

DATE: 7/30/12

FILE NAME: P:\2011 Files\2011 AutoCad\Liberation Programs\4 Elmcrest Terrace.Norwalk\PCB Remediation\CAD\4 Elmcrest.PCB Remediation.dwg

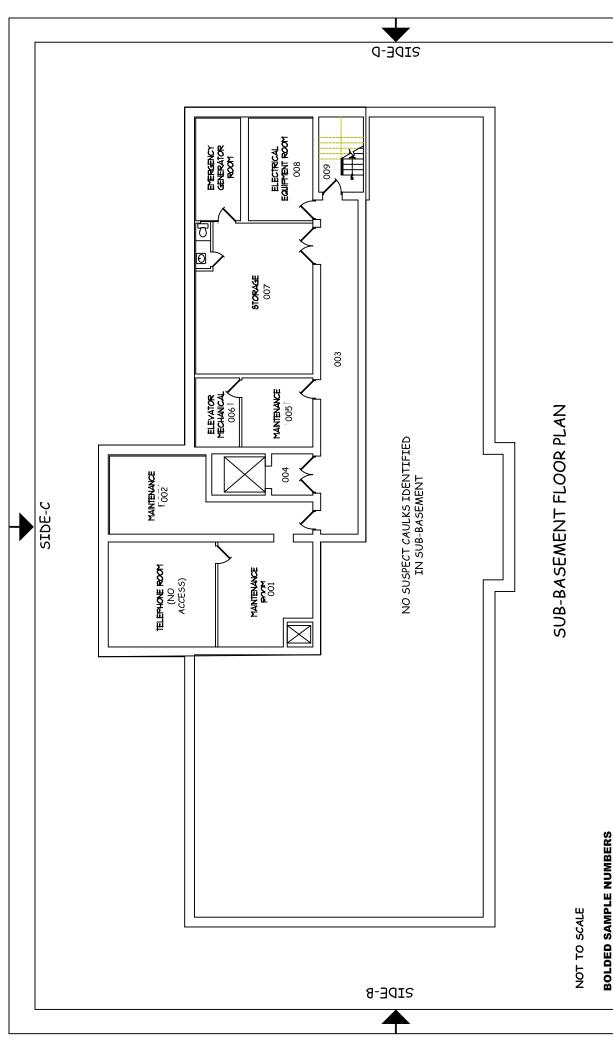
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Environmental, Inc

AGLE

DIAGRAM 3-1

PCB SAMPLING LOCATION DIAGRAM – SOURCE MATERIALS (PCB-S-1 through PCB-S-6)



PROJECT NO: 11-154.10A DRAWN BY: BLS, MR DATE: 5/21/12

POLY-CHLORINATED BIPHENYLS INSPECTION

SIDE-A (STREET SIDE)

4 ELMCREST TERRACE

Environmental, Inc.

EAGLE

531 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 860-589-8257

INDICATE PRESENCE OF PCB'S WITHIN DESIGNATED SAMPLE SET.

REVIEWED BY: CL, JT

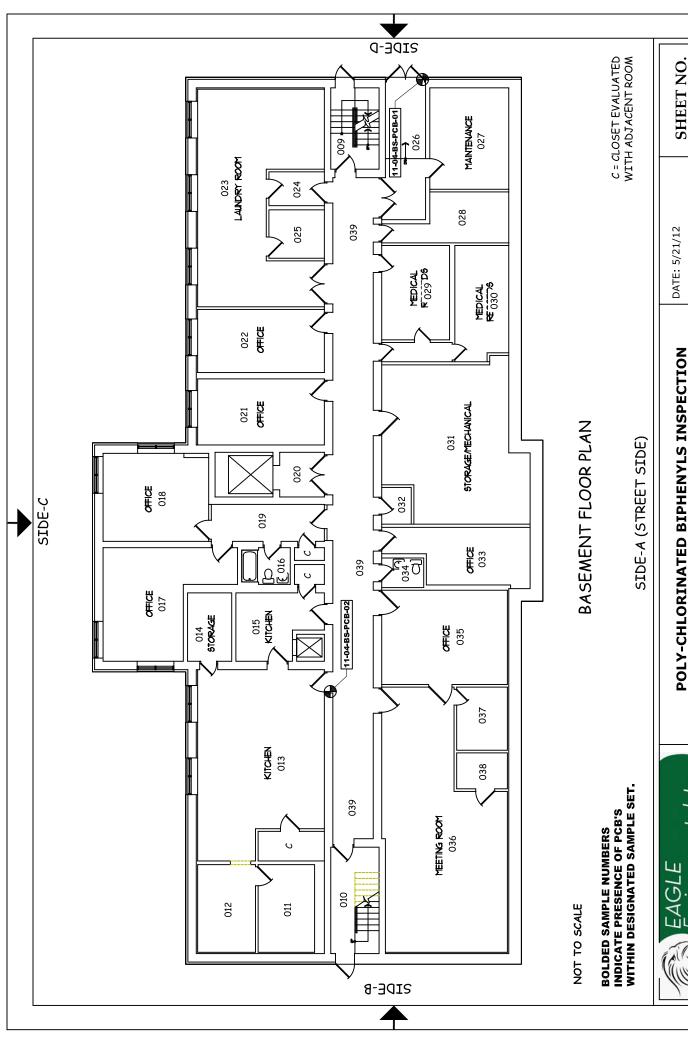
PCB-S-1 SHEET NO.

SHEET 1 OF 6

FILE NAME: P:\2011 Files\2011 AutoCad\Liberation Programs\4 Elmcrest Terrace.Norwalk\

SOURCE SAMPLE LOCATION DIAGRAM

NORWALK, CONNECTICUT



POLY-CHLORINATED BIPHENYLS INSPECTION SOURCE SAMPLE LOCATION DIAGRAM **NORWALK, CONNECTICUT 4 ELMCREST TERRACE**

Environmental, Inc.

531 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 860-589-8257

PCB-S-2

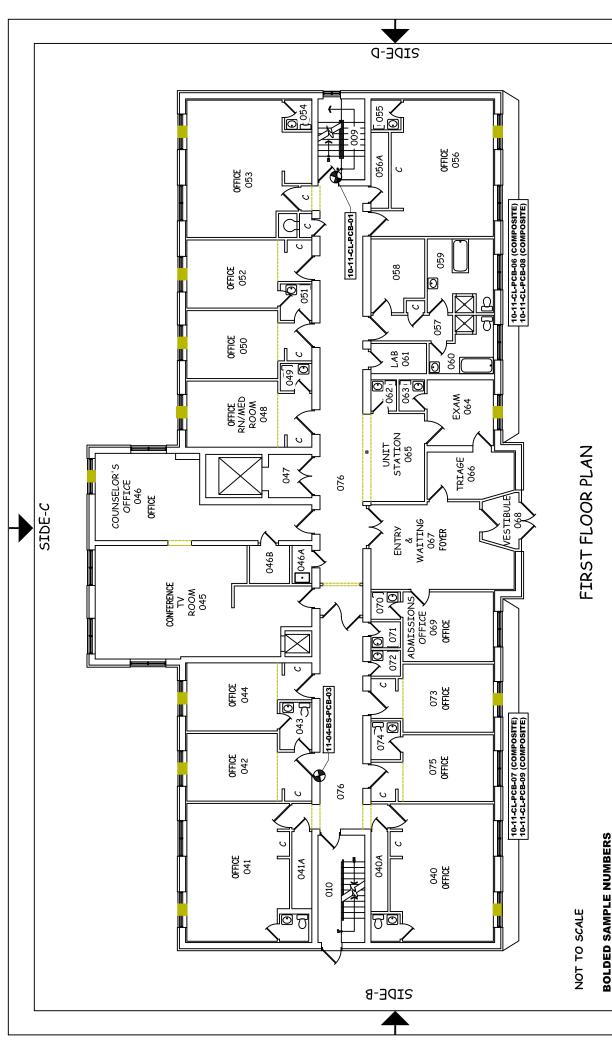
PROJECT NO: 11-154.10A

SHEET 2 OF 6

REVIEWED BY: CL, JT DRAWN BY: BLS, MR

INSPECTION\4 Elmcrest Terrace.PCB.dwg

FILE NAME: P:\2011 Files\2011 AutoCad\Liberation Programs\4 Elmcrest Terrace.Norwalk\



SIDE-A (STREET SIDE)

DATE: 10/21/11

POLY-CHLORINATED BIPHENYLS INSPECTION

Environmental, Inc.

EAGLE

531 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 860-589-8257

INDICATE PRESENCE OF PCB'S WITHIN DESIGNATED SAMPLE SET.

PROJECT NO.: 11-154.10A REVIEWED BY: CL DRAWN BY: BLS

PCB-S-3 SHEET NO.

C = CLOSET EVALUATED WITH ADJACENT ROOM

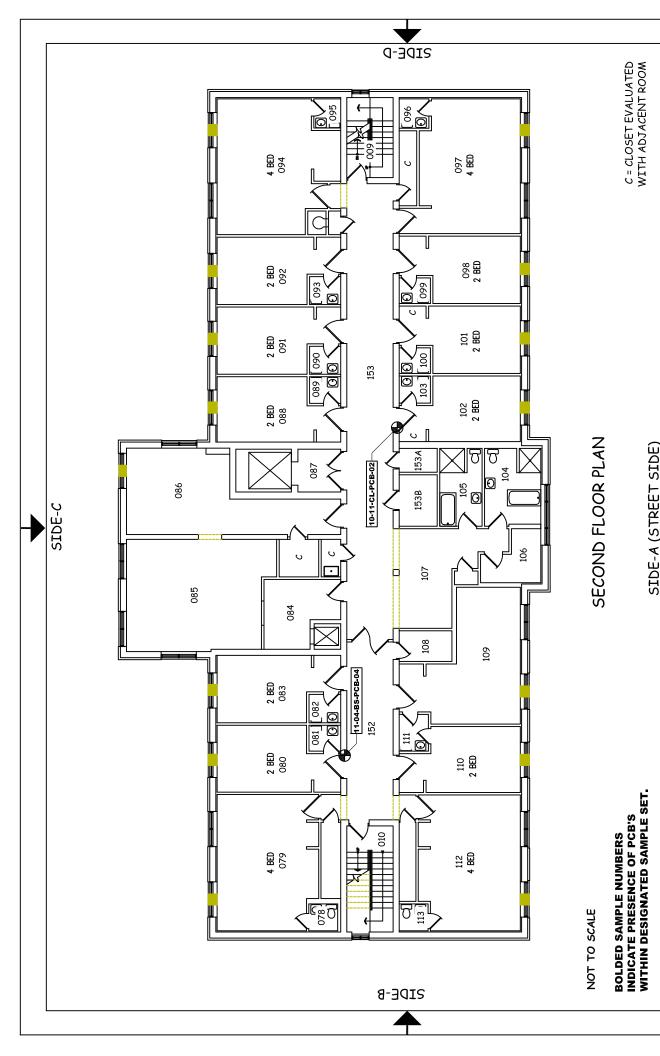
SHEET 3 OF 6

FILE NAME: P:\2011 Files\2011 AutoCad\Liberation Programs\4 Elmcrest Terrace.Norwalk\



SOURCE SAMPLE LOCATION DIAGRAM

NORWALK, CONNECTICUT 4 ELMCREST TERRACE



POLY-CHLORINATED BIPHENYLS INSPECTION **NORWALK, CONNECTICUT 4 ELMCREST TERRACE**

PROJECT NO.: 11-154.10A DRAWN BY: BLS DATE: 10/21/11

PCB-S-4 SHEET NO.

SHEET 4 OF 6

REVIEWED BY: CL

FILE NAME: P:\2011 Files\2011 AutoCad\Liberation Programs\4 Elmcrest Terrace.Norwalk\

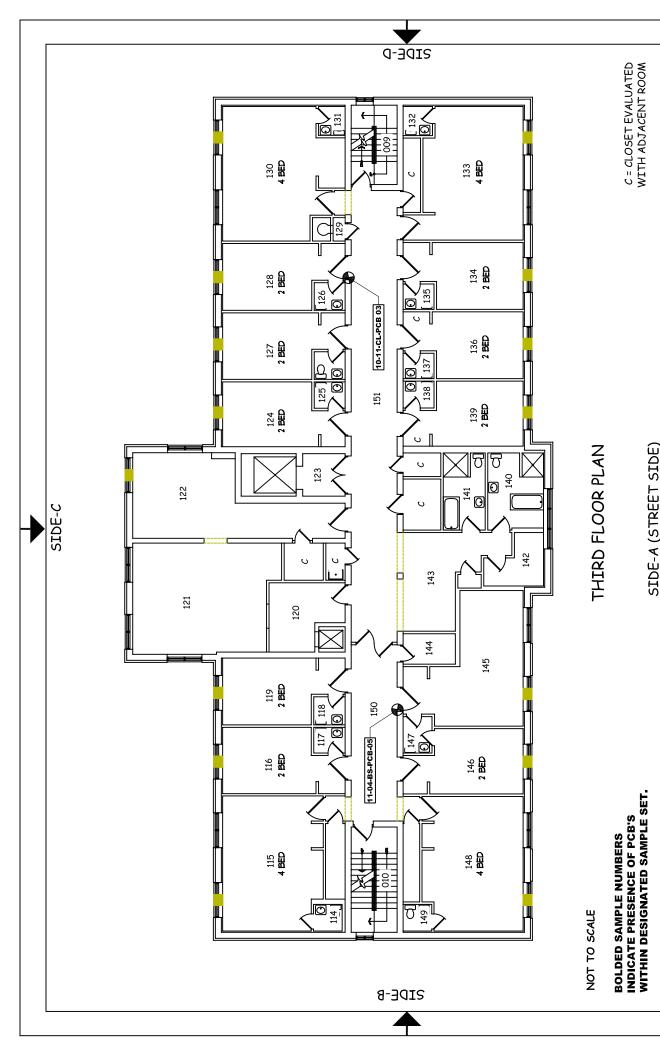
Environmental, Inc.

EAGLE

531 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 860-589-8257



SOURCE SAMPLE LOCATION DIAGRAM



POLY-CHLORINATED BIPHENYLS INSPECTION

PROJECT NO: 11-154.10A REVIEWED BY: CL, JT DRAWN BY: BLS, MR DATE: 5/21/12

PCB-S-5 SHEET NO.

SHEET 5 OF 6

FILE NAME: P:\2011 Files\2011 AutoCad\Liberation Programs\4 Elmcrest Terrace.Norwalk\



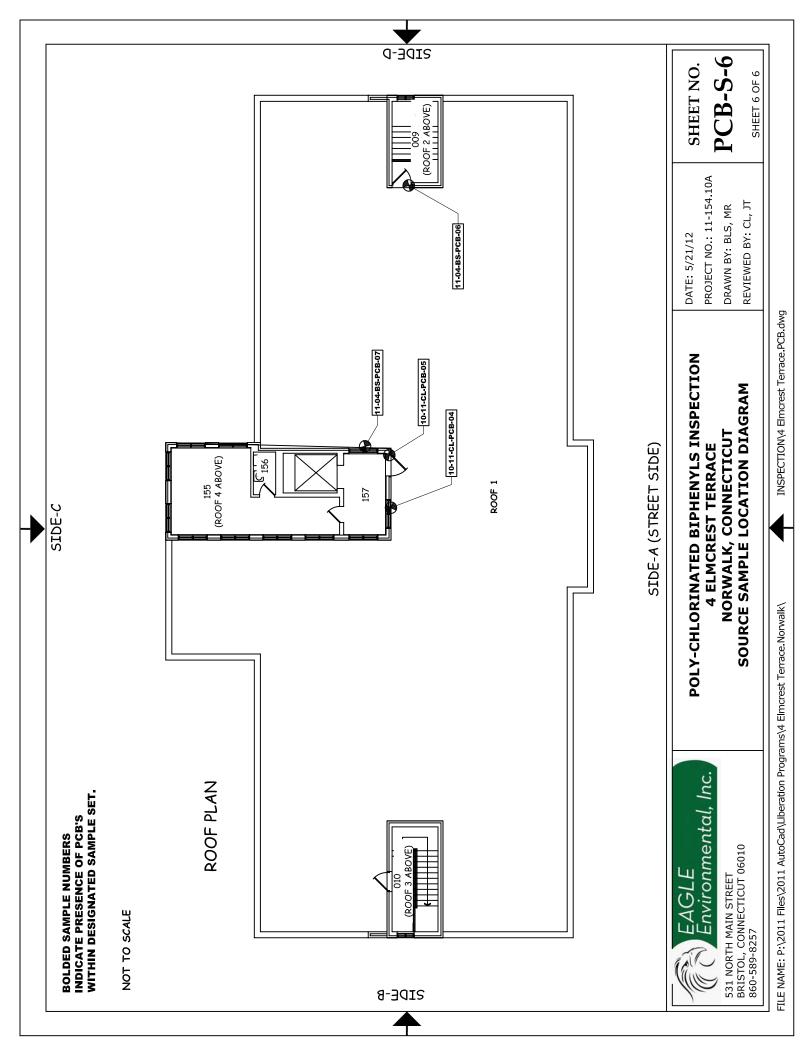
SOURCE SAMPLE LOCATION DIAGRAM

NORWALK, CONNECTICUT 4 ELMCREST TERRACE

Environmental, Inc.

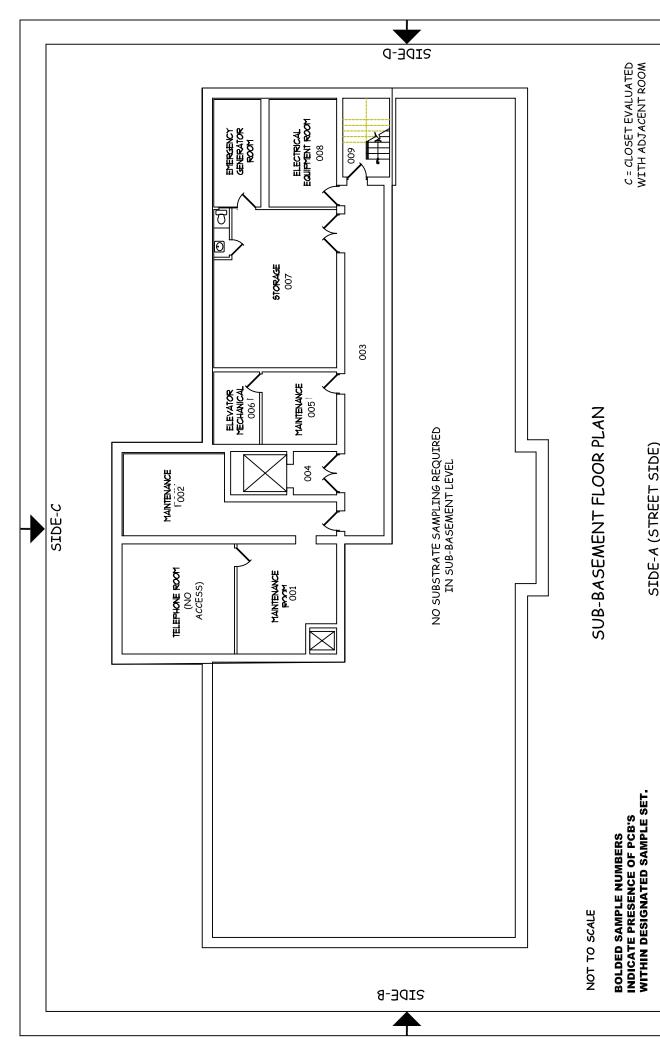
EAGL

531 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 860-589-8257



DIYCKYM 3-7

PCB SAMPLING LOCATION DIAGRAM –SUBSTRATE MATERIALS (PCB-SU-1 through PCB-SU-6)



REVIEWED BY: CL, JT POLY-CHLORINATED BIPHENYLS INSPECTION SUBSTRATE SAMPLE LOCATION DIAGRAM **NORWALK, CONNECTICUT 4 ELMCREST TERRACE**

PROJECT NO.: 11-154.10A DRAWN BY: BLS, MR DATE: 5/21/12

PCB-SU-1 SHEET NO.

SHEET 1 OF 6

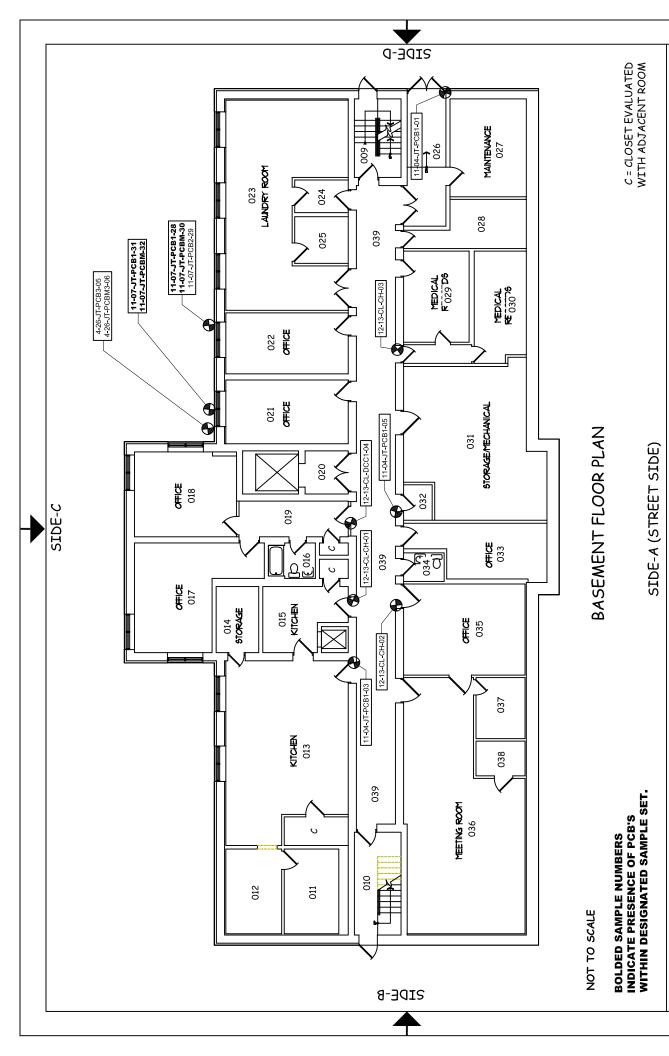
FILE NAME: P:\2011 Files\2011 AutoCad\Liberation Programs\4 Elmcrest Terrace.Norwalk\

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POLY-CHLORINATED BIPHENYLS INSPECTION SUBSTRATE SAMPLE LOCATION DIAGRAM **NORWALK, CONNECTICUT 4 ELMCREST TERRACE**

PROJECT NO.: 11-154.10A REVIEWED BY: CL, JT DRAWN BY: BLS, MR DATE: 5/21/12

PCB-SU-2 SHEET NO.

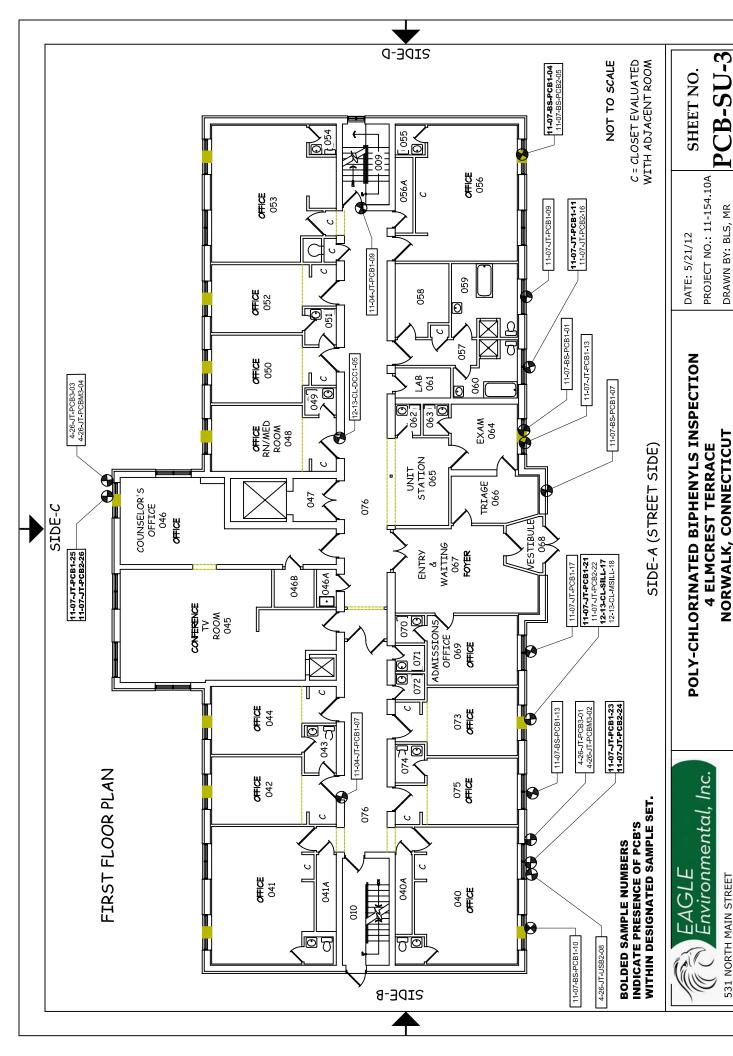
SHEET 2 OF 6



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SUBSTRATE SAMPLE LOCATION DIAGRAM

INSPECTION\4 Elmcrest Terrace.PCB.dwg

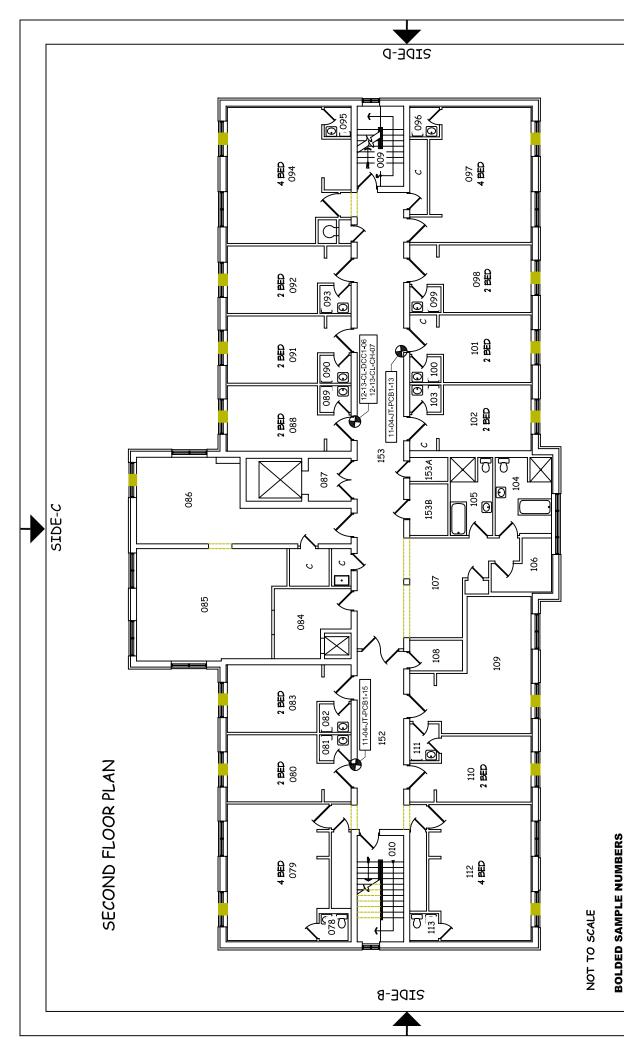
REVIEWED BY: CL, JT DRAWN BY: BLS, MR

PCB-SU-3

SHEET 3 OF 6

FILE NAME: P:\2011 Files\2011 AutoCad\Liberation Programs\4 Elmcrest Terrace.Norwalk\

531 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 860-589-8257



SIDE-A (STREET SIDE)

PROJECT NO.: 11-154.10A DRAWN BY: BLS, MR DATE: 5/21/12 POLY-CHLORINATED BIPHENYLS INSPECTION

SHEET NO. SHEET 4 OF 6 REVIEWED BY: CL, JT

PCB-SU-4



SUBSTRATE SAMPLE LOCATION DIAGRAM

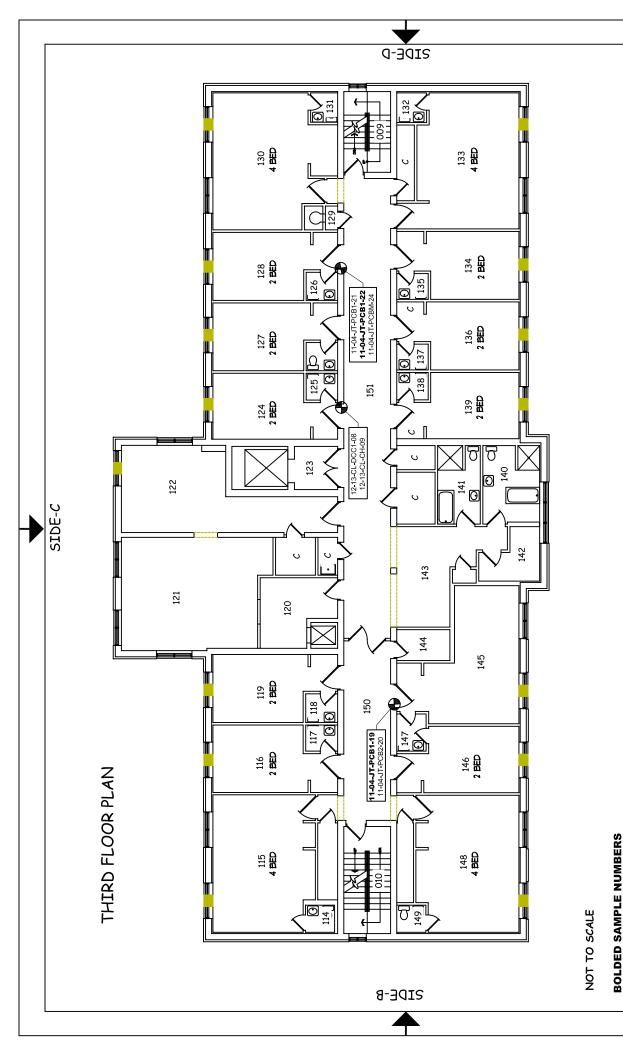
NORWALK, CONNECTICUT 4 ELMCREST TERRACE

Environmental, Inc.

EAGL

531 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 860-589-8257

INDICATE PRESENCE OF PCB'S WITHIN DESIGNATED SAMPLE SET.



SIDE-A (STREET SIDE)

POLY-CHLORINATED BIPHENYLS INSPECTION

4 ELMCREST TERRACE

Environmental, Inc.

EAGL

531 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 860-589-8257

INDICATE PRESENCE OF PCB'S WITHIN DESIGNATED SAMPLE SET.

PROJECT NO: 11-154.10A REVIEWED BY: CL, JT DRAWN BY: BLS, MR DATE: 5/21/12

PCB-SU-5 SHEET NO.

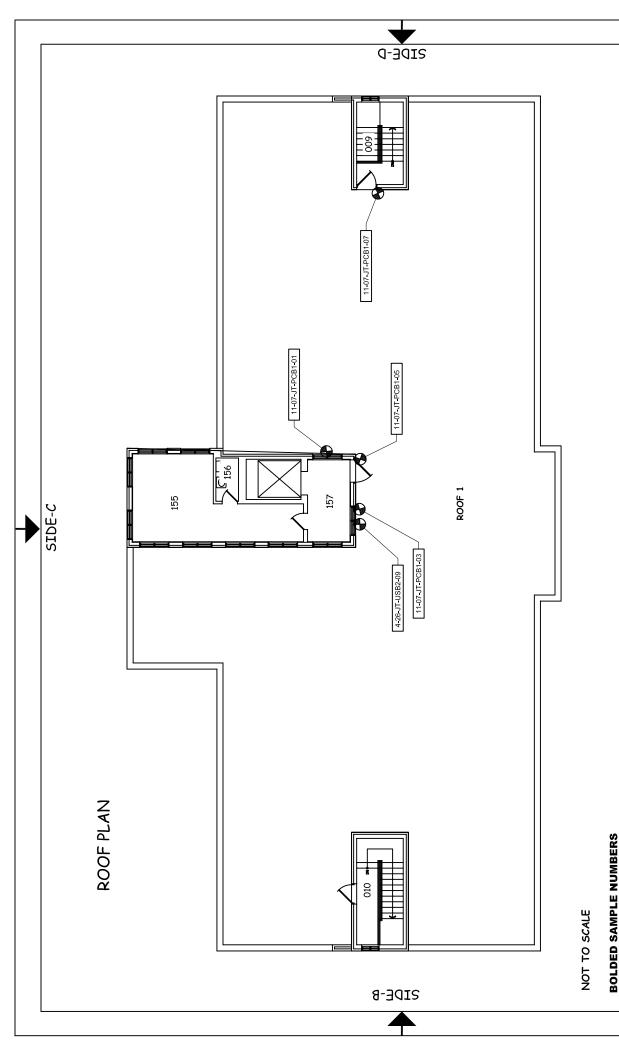
SHEET 5 OF 6

FILE NAME: P:\2011 Files\2011 AutoCad\Liberation Programs\4 Elmcrest Terrace.Norwalk\



SUBSTRATE SAMPLE LOCATION DIAGRAM

NORWALK, CONNECTICUT



SIDE-A (STREET SIDE)

POLY-CHLORINATED BIPHENYLS INSPECTION

Environmental, Inc.

EAGLE

531 NORTH MAIN STREET BRISTOL, CONNECTICUT 06010 860-589-8257

INDICATE PRESENCE OF PCB'S WITHIN DESIGNATED SAMPLE SET.

DATE: 5/21/12
PROJECT NO.: 11-154.10A
DRAWN BY: BLS, MR
REVIEWED BY: CL, JT

SHEET NO. PCB-SU-6

SHEET 6 OF 6

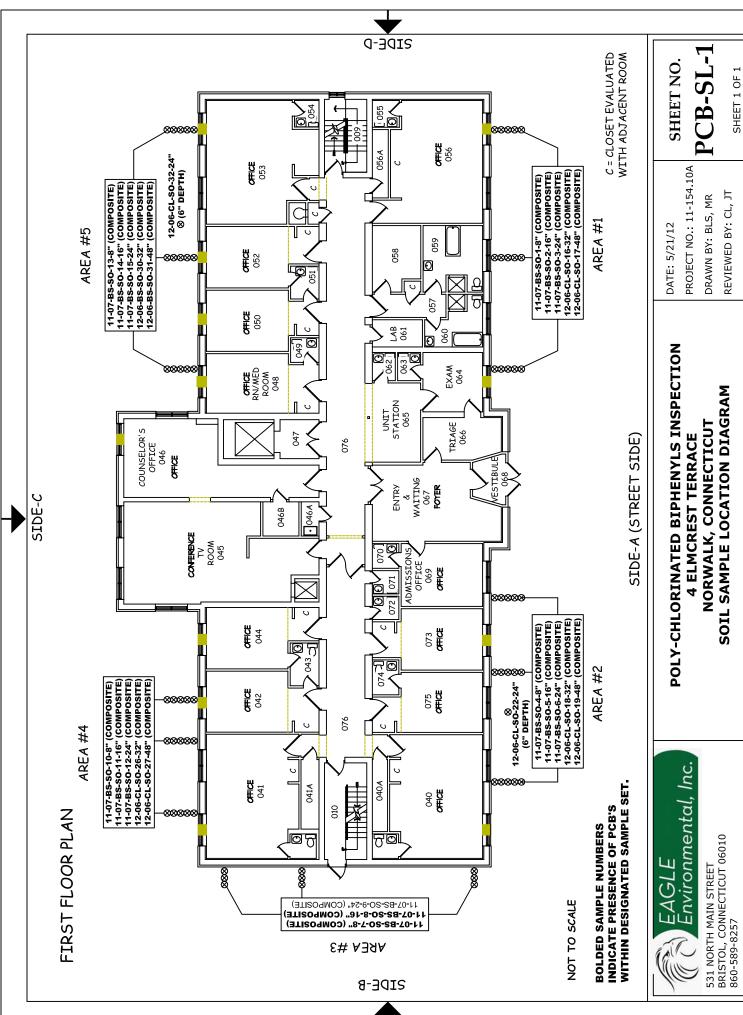
INSPECTION\4 Elmcrest Terrace.PCB.dwg

4

4 ELMCREST TERRACE NORWALK, CONNECTICUT SUBSTRATE SAMPLE LOCATION DIAGRAM

DIAGRAM 3-3

PCB SAMPLING LOCATION DIAGRAM – EXTERIOR SOIL (PCB-SL-1)



INSPECTION\4 Elmcrest Terrace.PCB.dwg

FILE NAME: P:\2011 Files\2011 AutoCad\Liberation Programs\4 Elmcrest Terrace.Norwalk\